

Work Order ID 142137-1

\*142137\*

Page 1

Item ID: D412-630-033

Accept

\*N900040100\*

Setup Start

\*NS1\*

Revision ID:

Stop

\*NS2\*

Item Name: Folding Heli-Access-Step™ LH - Low, High & Float Gear

Start Date: 3/14/2016

Start Qty: 4.00

\*4\*

Cust Item ID:

Required Date: 4/15/2016

Req'd Qty: 4.00

\*4\*

Customer:

Reference:

Approvals:

Process Plan:

Date: 0160307

Date:

Run Start

\*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop

\*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

IIN D412-630

Rev N

100

Document Control

0.00

\*100\*

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & create labels per PPP D412-630-033 CHG004

110

Small Fab

0.00

\*110\*

Small Fab

Memo

0.02

Small Fab

Assemble as per dwg D412-630 p.14

Coat all hardware with LPS3 rust inhibitor

A/R LPS3 batch: 1123772

COAT exposed HARDWARE WITH LPS PROCYON

A/R LPS PROCYON BATCH: 122900

MAY 12 2016

DAS  
27  
9-89

IK

16/05/11  
DAS  
36  
9-89



# Work Order ID 142137

February 29, 2016 10:42:57 AM

**\*142137\***

Page 2

Item ID: D412-630-033 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Folding Heli-Access-Step™ LH - Low, High & Float Gear  
 Start Date: 3/7/2016 Start Qty: 4.00 **\*4\*** Cust Item ID:  
 Required Date: 4/15/2016 Req'd Qty: 4.00 **\*4\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

| Sequence ID/<br>Work Center ID                | Operation<br>Description                                  | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp                   |
|-----------------------------------------------|-----------------------------------------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------------------------|
| 120<br><b>*120*</b><br>QC<br>Quality Control  | QC5- Inspect part completeness to step on W/O<br><br>Memo | 0.00<br><br>0.00     |         |        |              | <u>1</u>      |               |                  | DAS<br>38<br>9-89<br>MAY 12 2016 |
| 130<br><b>*130*</b><br>Packaging<br>Packaging | Pick Kit<br><br>Memo                                      | 0.00<br><br>0.00     |         |        |              | <u>SL</u>     |               |                  | DAS<br>26<br>9-89                |
| 140<br><b>*140*</b><br>QC<br>Quality Control  | QC4- 100% Inspect kits for completeness<br><br>Memo       | 0.00<br><br>0.00     |         |        |              | <u>27</u>     |               |                  | DAS<br>27<br>9-89<br>MAY 12 2016 |



DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                              |                                                |                                                                                                                                                                                    |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |                       |                                                 |  |
|--------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--|-----------------------|-------------------------------------------------|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____ |                                                | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> |                                                            | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Thermoforming <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/><br/>           Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/><br/>           Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Quality <input type="checkbox"/><br/>           Other <input type="checkbox"/> </div> </div> |                                               |  |                       |                                                 |  |
| Date : _____                                                 |                                                | Step #: _____                                                                                                                                                                      |                                                            | QTY Effective : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                               |  | MRB (QSI042) Approval |                                                 |  |
| Description Work Order Deviation                             |                                                |                                                                                                                                                                                    |                                                            | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                               |  |                       | Completed By                                    |  |
|                                                              |                                                |                                                                                                                                                                                    |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |                       | Lead hand / Supervisor<br>Approval Verification |  |
|                                                              |                                                |                                                                                                                                                                                    |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |                       | QC / QA Coordinator<br>Approval                 |  |
|                                                              |                                                |                                                                                                                                                                                    |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |                       |                                                 |  |
| Root Cause                                                   |                                                | FAULT CATEGORY                                                                                                                                                                     |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |                       |                                                 |  |
| Environment <input type="checkbox"/>                         | No Re-verification <input type="checkbox"/>    | Pressure/Forced <input type="checkbox"/>                                                                                                                                           | Temperature/Cure <input type="checkbox"/>                  | Power Loss/Surge <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Positioned Wrong <input type="checkbox"/>     |  |                       |                                                 |  |
| Design <input type="checkbox"/>                              | Operator <input type="checkbox"/>              | Bending <input type="checkbox"/>                                                                                                                                                   | Set-up <input type="checkbox"/>                            | Folio/Program <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Outside Dimensions <input type="checkbox"/>   |  |                       |                                                 |  |
| Doc/Data <input type="checkbox"/>                            | Offset/Set-up <input type="checkbox"/>         | Centre Not Concentric <input type="checkbox"/>                                                                                                                                     | BOM/Route <input type="checkbox"/>                         | Grain <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Over/Under tolerance <input type="checkbox"/> |  |                       |                                                 |  |
| Equip/Tooling <input type="checkbox"/>                       | Supplier <input type="checkbox"/>              | Cracks <input type="checkbox"/>                                                                                                                                                    | Broken/Damage/Defect <input type="checkbox"/>              | Weld <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Part Incorrect <input type="checkbox"/>       |  |                       |                                                 |  |
| Handling/Pre <input type="checkbox"/>                        | Training <input type="checkbox"/>              | Crimp/Kink/Ripple/Wave <input type="checkbox"/>                                                                                                                                    | Inspection Incomplete/Unqualified <input type="checkbox"/> | Wrong Stock Pulled <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Part Lost/Missing <input type="checkbox"/>    |  |                       |                                                 |  |
| Material <input type="checkbox"/>                            | Use for Testing <input type="checkbox"/>       | Cuffs <input type="checkbox"/>                                                                                                                                                     | Contamination <input type="checkbox"/>                     | Out of Sequence <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Part Moved <input type="checkbox"/>           |  |                       |                                                 |  |
| Internal Transport <input type="checkbox"/>                  | Poor Information <input type="checkbox"/>      | Crushing <input type="checkbox"/>                                                                                                                                                  | Countersink <input type="checkbox"/>                       | Off-set <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Drawing <input type="checkbox"/>              |  |                       |                                                 |  |
| Tribal Knowledge <input type="checkbox"/>                    | Rushing <input type="checkbox"/>               | Heat Treat <input type="checkbox"/>                                                                                                                                                | Cut Too Short <input type="checkbox"/>                     | Mislabeled <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Finish <input type="checkbox"/>               |  |                       |                                                 |  |
| LOA <input type="checkbox"/>                                 | Product Improvement <input type="checkbox"/>   | Wave/Twist in Tube <input type="checkbox"/>                                                                                                                                        | Instructions Incomplete/Unclear <input type="checkbox"/>   | Fit/Function <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Misread <input type="checkbox"/>              |  |                       |                                                 |  |
| Substation <input type="checkbox"/>                          | Process Improvement <input type="checkbox"/>   | Marks/Chatter <input type="checkbox"/>                                                                                                                                             | Drill Holes <input type="checkbox"/>                       | Misaligned/off center <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Turning Sequence <input type="checkbox"/>     |  |                       |                                                 |  |
| Past Expiry Date <input type="checkbox"/>                    | Manufacturing Process <input type="checkbox"/> | OTHER : _____                                                                                                                                                                      |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |                       |                                                 |  |
| Misidentified <input type="checkbox"/>                       | Past Due <input type="checkbox"/>              |                                                                                                                                                                                    |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |                       |                                                 |  |

# Work Order ID 142137

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|                |                                                       |            |                     |            |               |              |
|----------------|-------------------------------------------------------|------------|---------------------|------------|---------------|--------------|
| Item ID:       | D412-630-033                                          | Accept     | <b>*N900040100*</b> | Setup      | Start         | <b>*NS1*</b> |
| Revision ID:   |                                                       |            |                     |            | Stop          | <b>*NS2*</b> |
| Item Name:     | Folding Heli-Access-Step™ LH - Low, High & Float Gear |            |                     |            |               |              |
| Start Date:    | 3/7/2016                                              | Start Qty: | 4.00                | <b>*4*</b> | Cust Item ID: |              |
| Required Date: | 4/15/2016                                             | Req'd Qty: | 4.00                | <b>*4*</b> | Customer:     |              |
| Reference:     |                                                       |            |                     |            |               |              |

|            |               |       |            |       |     |       |              |
|------------|---------------|-------|------------|-------|-----|-------|--------------|
| Approvals: | Process Plan: | Date: | Tooling:   | Date: | Run | Start | <b>*NR1*</b> |
|            | QC:           | Date: | SPC (Y/N): | Date: |     | Stop  | <b>*NR2*</b> |

| Sequence ID/<br>Work Center ID | Operation<br>Description                               | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------------------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| 150                            | Packaging                                              | 0.00                 |         |        |              |               |               |                  |                |
| <b>*150*</b>                   |                                                        |                      |         |        |              |               |               |                  |                |
| Packaging                      | Memo                                                   | 0.00                 |         |        |              |               |               |                  |                |
| Packaging                      | Identify and pack for shipping as per PPP D412-630-033 |                      |         |        |              |               |               |                  |                |
|                                | Location: _____                                        |                      |         |        |              |               |               |                  |                |
|                                | PPP Rev: _____                                         |                      |         |        |              |               |               |                  |                |
|                                |                                                        | <i>sold</i>          |         |        |              |               |               |                  |                |
| 160                            | QC21- Final Inspection - Work Order Release            | 0.00                 |         |        |              |               |               |                  |                |
| <b>*160*</b>                   |                                                        |                      |         |        |              |               |               |                  |                |
| QC                             | Memo                                                   | 0.01                 |         |        |              |               |               |                  |                |
| Quality Control                |                                                        |                      |         |        |              |               |               |                  |                |

**DAS**  
**27**  
**9-89**

MAY 12 2016

*ML5*

MAY 12 2016

*mf*  
*16-5-10*



DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                      | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Thermoforming <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/><br/>           Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/><br/>           Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Quality <input type="checkbox"/><br/>           Other <input type="checkbox"/> </div> </div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Step #:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | QTY Effective :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MRB (QSI042) Approval                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Completed By                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Lead hand / Supervisor Approval Verification                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Root Cause                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FAULT CATEGORY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Environment <input type="checkbox"/><br>Design <input type="checkbox"/><br>Doc/Data <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Pre <input type="checkbox"/><br>Material <input type="checkbox"/><br>Internal Transport <input type="checkbox"/><br>Tribal Knowledge <input type="checkbox"/><br>LOA <input type="checkbox"/><br>Substation <input type="checkbox"/><br>Past Expiry Date <input type="checkbox"/><br>Misidentified <input type="checkbox"/> | No Re-verification <input type="checkbox"/><br>Operator <input type="checkbox"/><br>Offset/Setup <input type="checkbox"/><br>Supplier <input type="checkbox"/><br>Training <input type="checkbox"/><br>Use for Testing <input type="checkbox"/><br>Poor Information <input type="checkbox"/><br>Rushing <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Past Due <input type="checkbox"/> | Pressure/Forced <input type="checkbox"/><br>Bending <input type="checkbox"/><br>Centre Not Concentric <input type="checkbox"/><br>Cracks <input type="checkbox"/><br>Crimp/Kink/Ripple/Wave <input type="checkbox"/><br>Cuffs <input type="checkbox"/><br>Crushing <input type="checkbox"/><br>Heat Treat <input type="checkbox"/><br>Wave/Twist in Tube <input type="checkbox"/><br>Marks/Chatter <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Temperature/Cure <input type="checkbox"/><br>Set-up <input type="checkbox"/><br>BOM/Route <input type="checkbox"/><br>Broken/Damage/Defect <input type="checkbox"/><br>Inspection Incomplete/Unqualified <input type="checkbox"/><br>Contamination <input type="checkbox"/><br>Countersink <input type="checkbox"/><br>Cut Too Short <input type="checkbox"/><br>Instructions Incomplete/Unclear <input type="checkbox"/><br>Drill Holes <input type="checkbox"/> | Power Loss/Surge <input type="checkbox"/><br>Folio/Program <input type="checkbox"/><br>Grain <input type="checkbox"/><br>Weld <input type="checkbox"/><br>Wrong Stock Pulled <input type="checkbox"/><br>Out of Sequence <input type="checkbox"/><br>Off-set <input type="checkbox"/><br>Mislabeled <input type="checkbox"/><br>Fit/Function <input type="checkbox"/><br>Misaligned/off center <input type="checkbox"/> | Positioned Wrong <input type="checkbox"/><br>Outside Dimensions <input type="checkbox"/><br>Over/Under tolerance <input type="checkbox"/><br>Part Incorrect <input type="checkbox"/><br>Part Lost/Missing <input type="checkbox"/><br>Part Moved <input type="checkbox"/><br>Drawing <input type="checkbox"/><br>Finish <input type="checkbox"/><br>Misread <input type="checkbox"/><br>Turning Sequence <input type="checkbox"/> |
| OTHER : <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                   |

# Picklist Print

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Work Order ID: 142137

**\*142137\***

Parent Item: D412-630-033

**\*D412-630-033\***

Parent Item Name: Folding Heli-Access-Step™ LH - Low, High & Float Gear

Start Date: 3/7/2016

Required Date: 4/15/2016

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:A New Issue 06-11-08 JLM  
 IPP rev B ecn 1019, added d2807-041 EC verified by:DD  
 IPP rev :C 11.01.06 added route seq ID DD vef:EC IPP REV:D  
 13.06.07 PER CHG004 DD vef:JLM

| Component Item ID/<br>Item Name                     | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty    | Qty<br>Issued | Date<br>Issued | Status |
|-----------------------------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|-----------------|---------------|----------------|--------|
| D2012-107<br><b>*D2012-107*</b><br>Clevis           |                        | Manufactured  | No          |                     |                  | 110             | Each               | 11.0000        | 1           | 4               |               |                |        |
|                                                     |                        |               |             | <u>Location</u>     |                  |                 |                    | <u>Loc Qty</u> |             | <u>Loc Code</u> |               |                |        |
|                                                     |                        |               |             | WA004               |                  |                 |                    | 11             |             |                 |               |                |        |
|                                                     |                        |               |             | 138845              |                  |                 |                    | 11             |             |                 |               |                |        |
| D2803-041<br><b>*D2803-041*</b><br>Bracket Assembly |                        | Manufactured  | No          |                     |                  | 110             | Each               | 12.0000        | 1           | 4               |               |                |        |
|                                                     |                        |               |             | <u>Location</u>     |                  |                 |                    | <u>Loc Qty</u> |             | <u>Loc Code</u> |               |                |        |
|                                                     |                        |               |             | ST472               |                  |                 |                    | 12             |             |                 |               |                |        |
|                                                     |                        |               |             | 119659              |                  |                 |                    | 8              |             |                 |               |                |        |
|                                                     |                        |               |             | 127259              |                  |                 |                    | 4              |             |                 |               |                |        |
| D2804-041<br><b>*D2804-041*</b><br>Bracket Assembly |                        | Manufactured  | No          |                     |                  | 110             | Each               | 6.0000         | 1           | 4               |               |                |        |
|                                                     |                        |               |             | <u>Location</u>     |                  |                 |                    | <u>Loc Qty</u> |             | <u>Loc Code</u> |               |                |        |
|                                                     |                        |               |             | ST474               |                  |                 |                    | 6              |             |                 |               |                |        |
|                                                     |                        |               |             | 119545              |                  |                 |                    | 2              |             |                 |               |                |        |
|                                                     |                        |               |             | 126880              |                  |                 |                    | 4              |             |                 |               |                |        |

APR 21 2016





# Picklist Print

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Work Order ID: 142137

**\*142137\***

Parent Item: D412-630-033

**\*D412-630-033\***

Parent Item Name: Folding Heli-Access-Step™ LH - Low, High & Float Gear

Start Date: 3/7/2016

Required Date: 4/15/2016

Start Qty: 4.00

Required Qty: 4.00

D2807-041

Manufactured No

110

Each

16.0000

2

8

**\*D2807-041\***

Prop Assembly

\*\*\*

DAS  
8  
9-89

Location

Loc Qty

Loc Code

FG

3

89606

3

ST010

13

130465

3

140752

10

D2813

Manufactured No

110

Each

17.0000

2

8

**\*D2813\***

Washer

\*\*\*

DAS  
8  
9-89

Location

Loc Qty

Loc Code

ST011

17

124271

17

D3562-041

Manufactured No

110

Each

0.0000

1

4

**\*D3562-041\***

Step Weldment

B142352 (1x) \*\*\*

APR 21 2016

16/05/11

DAS  
36  
9-89

D3395-1

Manufactured No

110

Each

22.0000

4

16

**\*D3395-1\***

Bushing

\*\*\*

DAS  
8  
9-89

Location

Loc Qty

Loc Code

ST034

22

133522

1

134014

21

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Work Order ID: 142137

**\*142137\***

Parent Item: D412-630-033

**\*D412-630-033\***

Parent Item Name: Folding Heli-Access-Step™ LH - Low, High & Float Gear

Start Date: 3/7/2016

Required Date: 4/15/2016

Start Qty: 4.00

Required Qty: 4.00

AN3C21A

Purchased

No

110

Each

47.0000

2

8

**\*AN3C21A\***

Bolt

**\*\***

DAS  
8  
9-89

Location

Loc Qty

Loc Code

OVER002

25

M133686

25

ST348

22

M132617

2

M133640

20

AN8C16

Purchased

No

110

Each

71.0000

2

8

**\*AN8C16\***

Bolt

**\*\***

DAS  
8  
9-89

Location

Loc Qty

Loc Code

over005

56

131651

7

M132522

7

M132674

7

M133091

7

M133336

7

M133920

7

M133921

7

M134131

7

ST332

15

M130460

14

M131367

1

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Work Order ID: 142137

**\*142137\***

Parent Item: D412-630-033

**\*D412-630-033\***

Parent Item Name: Folding Heli-Access-Step™ LH - Low, High & Float Gear

Start Date: 3/7/2016

Required Date: 4/15/2016

Start Qty: 4.00

Required Qty: 4.00

AN310C8

Purchased No

110

Each

36.0000

2

8

**\*AN310C8\***

Nut

\*\*

DAS  
8  
9-89

Location

Loc Qty

Loc Code

CCK006

20

m132677

20

ST331

16

m132640

16

MS24665-302

Purchased No

110

Each

44.0000

2

8

**\*MS24665-302\***

Cotter Pin

\*\*

DAS  
8  
9-89

Location

Loc Qty

Loc Code

GA

17

120521

17

ST288

27

m127305

27

NAS1515H3

Purchased No

110

Each

346.0000

6

24

**\*NAS1515H3\***

Washer

\*\*

DAS  
36  
9-89

Location

Loc Qty

Loc Code

FG

10

123301

10

GA

38

m129521

38

ST266

298

m128635

7

m131697

291

DAS  
8  
9-89

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Work Order ID: 142137

**\*142137\***

Parent Item: D412-630-033

**\*D412-630-033\***

Parent Item Name: Folding Heli-Access-Step™ LH - Low, High & Float Gear

Start Date: 3/7/2016

Required Date: 4/15/2016

Start Qty: 4.00

Required Qty: 4.00

NAS1515H5L

Purchased

No

110

Each

210.0000

4

16

**\*NAS1515H5I \***

Washer

**\*\***

DAS  
8  
9-89

Location

Loc Qty

Loc Code

FG

40

103691

40

ST265

167

M133316

167

ST266

3

M130466

3

NAS1515H8

Purchased

No

110

Each

25.0000

4

16

**\*NAS1515H8\***

Washer

**\*\***

Location

Loc Qty

Loc Code

ST265

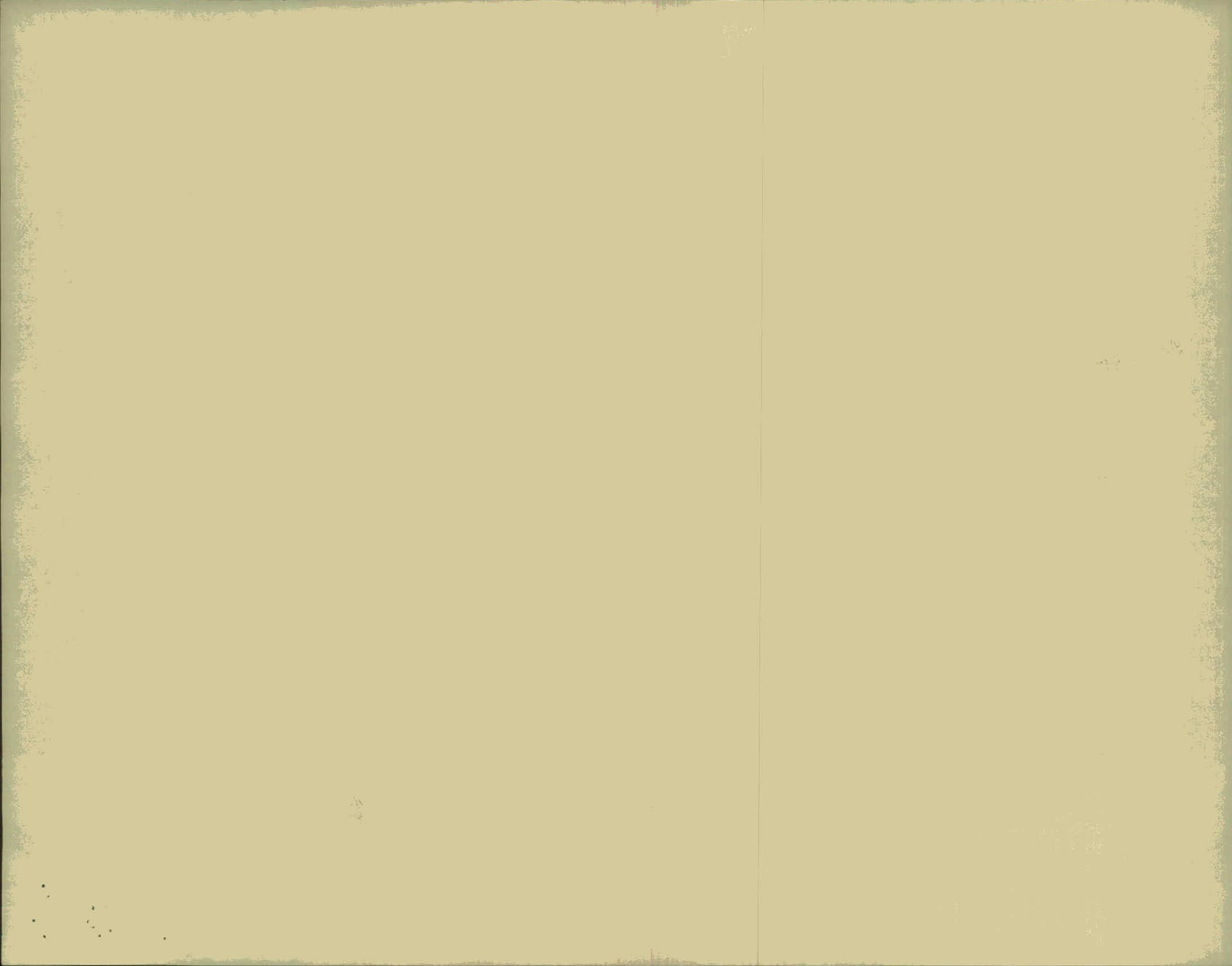
25

m131001

25

DAS  
8  
9-89

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Work Order ID: 142137

**\*142137\***

Parent Item: D412-630-033

**\*D412-630-033\***

Parent Item Name: Folding Heli-Access-Step™ LH - Low, High & Float Gear

Start Date: 3/7/2016

Required Date: 4/15/2016

Start Qty: 4.00

Required Qty: 4.00

MS21043-3

Purchased

No

110

Each

989.0000

4

16

**\*MS21043-3\***

Nut

**\*\***

DAS  
8  
9-89

## Location

## Loc Qty

## Loc Code

FG 80

103691 80

FP001 11

m130673 11

GA 39

m130673 15

m131677 24

OVER007 400

m133990 400

ST302 328

m133577 328

ST304 106

m131340 106

ST308 25

m132551 25

MS24693-C280

Purchased

No

110

Each

44.0000

2

8

**\*MS24693-C280\***

SCREW

**\*\***

DAS  
8  
9-89

## Location

## Loc Qty

## Loc Code

ST287 44

m131624 44

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Work Order ID: 142137

**\*142137\***

Parent Item: D412-630-033

**\*D412-630-033\***

Parent Item Name: Folding Heli-Access-Step™ LH - Low, High & Float Gear

Start Date: 3/7/2016

Required Date: 4/15/2016

Start Qty: 4.00

Required Qty: 4.00

D2806-1

Manufactured No

130 Each

17.0000

2 8

**\*D2806-1\***

Bushing

\*\*

142466x1

DAS  
6  
9-89

DAS  
26  
9-89

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST011

7

133437

7

ST012a

10

133945

10

D2806-3

Manufactured No

130 Each

24.0000

2 8

**\*D2806-3\***

Bushing

\*\*

DAS  
6  
9-89

DAS  
26  
9-89

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST010

24

134007

8

136702

16

D2810-5

Manufactured No

130 Each

10.0000

1 4

**\*D2810-5\***

Strut

\*\*

DAS  
6  
9-89

DAS  
26  
9-89

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST377

10

124237

5

134899

5

D3396-1

Manufactured No

130 Each

9.0000

2 8

**\*D3396-1\***

Spacer

\*\*

142357

DAS  
6  
9-89

DAS  
26  
9-89

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST034

9

107894

9

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246  
33  
287

246  
33  
287

246  
33  
287

246  
33  
287

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Work Order ID: 142137

**\*142137\***

Parent Item: D412-630-033

**\*D412-630-033\***

Parent Item Name: Folding Heli-Access-Step™ LH - Low, High & Float Gear

Start Date: 3/7/2016

Required Date: 4/15/2016

Start Qty: 4.00

Required Qty: 4.00

AN4C6A

Purchased

No

130

Each

309.0000

1

4

**\*AN4C6A\***

Bolt

\*\*

DAS  
8

DAS  
28

9-89

9-89

Location

Loc Qty

Loc Code

FG

14

103344

4

121657

10

OVER002

200

m133990

200

ST345

95

m131410

1

m133515

94

AN4C10A

Purchased

No

130

Each

13.0000

1

4

**\*AN4C10A\***

BOLT

\*\*

DAS  
8

DAS  
28

9-89

9-89

Location

Loc Qty

Loc Code

ST345

13

M129521

1

M131153

12

AN5C15A

Purchased

No

130

Each

39.0000

2

8

**\*AN5C15A\***

Bolt

\*\*

DAS  
8

DAS  
28

9-89

9-89

Location

Loc Qty

Loc Code

286a

39

M130466

39

AN44C7A

Purchased

No

130

Each

7.0000

1

4

**\*AN44C7A\***

Eyebolt

\*\*

DAS  
8

DAS  
28

9-89

9-89

Location

Loc Qty

Loc Code

ST339

7

m132677

7

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100

100

100

100

100

100



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Work Order ID: 142137

Parent Item: D412-630-033

Parent Item Name: Folding Heli-Access-Step™ LH - Low, High & Float Gear

**\*142137\***

**\*D412-630-033\***

Start Date: 3/7/2016

Required Date: 4/15/2016

Start Qty: 4.00

Required Qty: 4.00

AN4C15A

Purchased

No

130

Each

94.0000

2

8

**\*AN4C15A\***

Bolt

\*\*

DAS  
6  
9-89

DAS  
26  
9-89

Location

Loc Qty

Loc Code

FG

10

120360

10

OVER002

50

M132763

20

M133485

30

ST312A

16

M131377

16

ST343

18

M132823

18

NAS1515H4

Purchased

No

130

Each

52.0000

7

28

**\*NAS1515H4\***

Washer

\*\*

DAS  
6  
9-89

DAS  
26  
9-89

Location

Loc Qty

Loc Code

ST266

52

m129499 47

52

NAS1515H5

Purchased

No

130

Each

118.0000

7

28

**\*NAS1515H5\***

Washer

\*\*

DAS  
6  
9-89

DAS  
26  
9-89

Location

Loc Qty

Loc Code

FG

40

103691

40

ST266

78

m130783

78

DAS  
27  
9-89

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28

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53  
86

86  
53  
86

86  
53  
86

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Work Order ID: 142137

**\*142137\***

Parent Item: D412-630-033

**\*D412-630-033\***

Parent Item Name: Folding Heli-Access-Step™ LH - Low, High & Float Gear

Start Date: 3/7/2016

Required Date: 4/15/2016

Start Qty: 4.00

Required Qty: 4.00

MS21043-4

Purchased

No

130

Each

1,021.000

4

16

**\*MS21043-4\***

Nut

\*\*

DAS  
8  
9-89

DAS  
26  
9-89

DAS  
27  
9-89

Location

Loc Qty

Loc Code

FG

40

104603

40

GA

206

m132803

206

ST302

300

m134249

300

ST32

475

m133769

475

MS21043-5

Purchased

No

130

Each

172.0000

3

12

**\*MS21043-5\***

Nut

\*\*

DAS  
8  
9-89

DAS  
26  
9-89

DAS  
27  
9-89

Location

Loc Qty

Loc Code

FG

20

101418

20

GA

76

116548

76

ST302

76

m132382

76

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| Qty<br>-033 | Qty<br>-034 | Qty<br>-243 | Qty<br>-244 | Part Number  | Description                     |
|-------------|-------------|-------------|-------------|--------------|---------------------------------|
| X           |             |             |             | D412-630-033 | HELI-ACCESS-STEP™ LH (FOLDING)  |
|             | X           |             |             | D412-630-034 | HELI-ACCESS-STEP™ RH (FOLDING)  |
| 1           |             | X           |             | D412-630-243 | STEP ASSEMBLY LH                |
|             | 1           |             | X           | D412-630-244 | STEP ASSEMBLY RH                |
|             |             |             |             |              |                                 |
|             |             | 1           | 1           | D2012-107    | CLEVIS                          |
|             |             | 1           |             | D2803-041    | STA 84 BRACKET ASSEMBLY LH      |
|             |             |             | 1           | D2803-042    | STA 84 BRACKET ASSEMBLY RH      |
|             |             | 1           |             | D2804-041    | STA 155 BRACKET ASSEMBLY LH     |
|             |             |             | 1           | D2804-042    | STA 155 BRACKET ASSEMBLY RH     |
| 2           | 2           |             |             | D2806-1      | BUSHING                         |
| 2           | 2           |             |             | D2806-3      | BUSHING                         |
|             |             | 2           | 2           | D2807-041    | GAS SPRING ASSEMBLY (WAS D2807) |
| 1           | 1           |             |             | D2810-5      | STRUT                           |
|             |             | 2           | 2           | D2813        | WASHER                          |
|             |             | 1           |             | D3562-041    | STEP WELDMENT LH                |
|             |             |             | 1           | D3562-042    | STEP WELDMENT RH                |
|             |             | 4           | 4           | D3395-1      | BUSHING                         |
| 2           | 2           |             |             | D3396-1      | SPACER                          |
|             |             |             |             |              |                                 |
|             |             | 2           | 2           | AN3C21A      | BOLT                            |
| 1           | 1           |             |             | AN4C6A       | BOLT                            |
| 1           | 1           |             |             | AN4C10A      | BOLT                            |
| 2           | 2           |             |             | AN4C15A      | BOLT                            |
| 1           | 1           |             |             | AN44-C7A     | EYEBOLT                         |
| 2           | 2           |             |             | AN5C15A      | BOLT                            |
|             |             | 2           | 2           | AN8C16       | BOLT                            |
|             |             | 2           | 2           | AN310C8      | NUT                             |
|             |             | 2           | 2           | MS24665-302  | COTTER PIN (OR AN380C3-4)       |
|             |             | 6           | 6           | NAS1515H3    | WASHER                          |
| 7           | 7           |             |             | NAS1515H4    | WASHER                          |
| 7           | 7           |             |             | NAS1515H5    | WASHER                          |
|             |             | 4           | 4           | NAS1515H5L   | WASHER                          |
|             |             | 4           | 4           | NAS1515H8    | WASHER                          |
|             |             | 4           | 4           | MS21043-3    | NUT                             |
| 4           | 4           |             |             | MS21043-4    | NUT                             |
| 3           | 3           |             |             | MS21043-5    | NUT                             |
|             |             | 2           | 2           | MS24693-C280 | SCREW (OR MS24694-C565)         |

